

REVISED
VERSION

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001360

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61L 31/16, A61K 31/6615, A61P 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61L, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9749408 A1 (PERSTORP AB), 31 December 1997 (31.12.1997)	1-16
	--	
Y	WO 02060341 A2 (MEDSTAR RESEARCH INSTITUTE), 8 August 2002 (08.08.2002)	1-16
	--	
Y	WO 9112779 A1 (MEDTRONIC, INC.), 5 Sept 1991 (05.09.1991)	1-16
	--	
Y	US 6159488 A (ARNON NAGLER ET AL), 12 December 2000 (12.12.2000)	1-16
	--	

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

7 June 2004

Date of mailing of the international search report

11-06-2004

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Erika Stenroos/Els
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001360

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6231600 B1 (SHENG-PING ZHONG), 15 May 2001 (15.05.2001) --	1-16
P,X	WO 02096436 A1 (BIONERIS AB), 5 December 2002 (05.12.2002) --	1-16
A	US 20010044651 A (THOMAS A. STEINKE ET AL), 22 November 2001 (22.11.2001) --	1-16
A	US 5383928 A (NEAL A. SCOTT ET AL), 24 January 1995 (24.01.1995) -- -----	1-16

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001360

WO	9749408	A1	31/12/1997	AT	251909	T	15/11/2003
				AU	3469597	A	14/01/1998
				CA	2261706	A	31/12/1997
				DE	69725577	D	00/00/0000
				EP	0910383	A,B	28/04/1999
				EP	1216705	A	26/06/2002
				SE	9602463	D	00/00/0000
				US	6632797	B	14/10/2003
				US	2002065253	A	30/05/2002

WO	02060341	A2	08/08/2002	EP	1365754	A	03/12/2003

WO	9112779	A1	05/09/1991	CA	2049973	A,C	29/08/1991
				CA	2408856	A	05/09/1991
				DE	69110787	D,T	04/04/1996
				EP	0470246	A,B	12/02/1992
				JP	5502179	T	22/04/1993
				US	5545208	A	13/08/1996
				US	5725567	A	10/03/1998
				US	5851217	A	22/12/1998
				US	5851231	A	22/12/1998
				US	5871535	A	16/02/1999
				US	5997468	A	07/12/1999
				US	6004346	A	21/12/1999

US	6159488	A	12/12/2000	AT	220908	T	15/08/2002
				AU	712520	B	11/11/1999
				AU	6755998	A	22/06/1998
				CA	2253362	A,C	04/06/1998
				DE	69714281	D,T	27/02/2003
				EP	0936910	A,B	25/08/1999
				JP	2001500040	T	09/01/2001

US	6231600	B1	15/05/2001	US	6048620	A	11/04/2000
				US	6468649	B	22/10/2002
				US	6558798	B	06/05/2003
				US	6709706	B	23/03/2004
				US	2002013549	A	31/01/2002
				US	2003162032	A	28/08/2003
				AU	699836	B	17/12/1998
				AU	4563396	A	29/08/1996
				CA	2169324	A	23/08/1996
				DE	69617070	D,T	11/04/2002
				DE	69631297	D	00/00/0000
				EP	0728487	A,B	28/08/1996
				EP	1121947	A,B	08/08/2001
				FI	960595	A	23/08/1996
				JP	8317970	A	03/12/1996
				US	5702754	A	30/12/1997
				US	5869127	A	09/02/1999
				US	6099563	A	08/08/2000
				US	6179817	B	30/01/2001

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001360

WO	02096436	A1	05/12/2002	AU	8281901 A	13/03/2002
				EP	1322933 A	02/07/2003
				EP	1390045 A	25/02/2004
				SE	0101854 A	29/11/2002

US	20010044651	A	22/11/2001	NONE
----	-------------	---	------------	------

US	5383928	A	24/01/1995	NONE
----	---------	---	------------	------

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01360

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61L 31/16, A61K 31/6615, A61P 9/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61L, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9749408 A1 (PERSTORP AB), 31 December 1997 (31.12.97) --	1-16
Y	WO 9112779 A1 (MEDTRONIC, INC.), 5 Sept 1991 (05.09.91) --	1-16
P,X	WO 02096436 A1 (BIONERIS AB), 5 December 2002 (05.12.02) --	1-16
A	US 20010044651 A (THOMAS A. STEINKE ET AL), 22 November 2001 (22.11.01) --	1-16

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

2 December 2003

Date of mailing of the international search report

04-12-2003

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Erika Stenroos/Els
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01360**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p data-bbox="277 352 846 422">US 5383928 A (NEAL A. SCOTT ET AL), 24 January 1995 (24.01.95)</p> <p data-bbox="621 453 751 499">-- -----</p>	1-16

INTERNATIONAL SEARCH REPORT
Information on patent family members

06/09/03

International application No.
PCT/SE 03/01360

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	9749408	A1	31/12/97	AU	3469597 A	14/01/98
				CA	2261706 A	31/12/97
				EP	0910383 A,B	28/04/99
				EP	1216705 A	26/06/02
				SE	9602463 D	00/00/00
				US	6632797 B	14/10/03
				US	2002065253 A	30/05/02
WO	9112779	A1	05/09/91	CA	2049973 A,C	29/08/91
				CA	2408856 A	05/09/91
				DE	69110787 D,T	04/04/96
				EP	0470246 A,B	12/02/92
				JP	5502179 T	22/04/93
				US	5545208 A	13/08/96
				US	5725567 A	10/03/98
				US	5851217 A	22/12/98
				US	5851231 A	22/12/98
				US	5871535 A	16/02/99
				US	5997468 A	07/12/99
				US	6004346 A	21/12/99
WO	02096436	A1	05/12/02	AU	8281901 A	13/03/02
				EP	1322933 A	02/07/03
				SE	0101854 A	29/11/02
US	20010044651	A	22/11/01	NONE		
US	5383928	A	24/01/95	NONE		